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50X1-HUM

CENTRAL INTELLIGENCE AGENCY

REPORT

INFORMATION REPORT

CD NO.

COUNTRY USSR (Baltic)

DATE DISTR. 26 June 1951

SUBJECT 1. Baltic Coastal Fortifications
2. Soviet Guided Missiles

NO. OF PAGES 2

PLACE ACQUIRED

NO. OF ENCLS.
(LISTED BELOW)

DATE OF INFO.

SUPPLEMENT TO 50X1-HUM
REPORT NO.

THIS IS UNEVALUATED INFORMATION

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1. The entire southern shore of the Baltic resembles a gigantic fortified area in which have been built, and are still being built, enormous numbers of fortifications, airfields with underground hangars and workshops, bases for naval forces and rocket installations, numerous coastal batteries, and colossal liquid fuel dumps.
2. One of the main bastions of the "Baltic Wall" is the Baltic island area, which the Soviets themselves state they are building up into a "Gibraltar of the Baltic". Among the important building works proceeding are:
 - a. Rocket sites in the eastern part of Hiiumaa Island, the north-east side of Arensburg (possibly Kuressaare, 58-14N, 22-28E), and at Soelasalmi (possibly Soru, 58-42N, 22-31E);
 - b. Three radar stations on Saaremaa Island (58-25N, 22-30E) and one on Hiiumaa Island (58-53N, 22-41E)
3. The area which lies about 100 km east of Stettin is particularly strongly fortified. Full scale work is still proceeding there; and, among other installations, rocket sites and stores are being built as quickly as possible. Fortification work is also proceeding in the coastal area of East Prussia; this fortification work resembles that of the German West Wall. Rocket sites are being built on the Samland Cape (54-50N, 20-15E). Between Baltiisk (54-39N, 19-55E) and Klaipeda (55-43N, 21-07E) alone there are 20 large fortifications, the personnel of which include, among others, armored and parachute units. Chernyakhovsk (Insterburg, 54-37N, 21-48E) is reported to be a trial center for a recently built secret weapon. This fortified zone is linked up with a network of radar stations and is based on the two large air bases of Leba (54-45N, 17-34E) and Harden (not located), which lie north-east of Stolp (54-28N, 17-02E) in Pomerania.
4. The entire coastal area in the western part of the Baltic Sea, including Eastern Germany and the coast of Poland, serve the numerous military purposes of the Soviet Union. For example, a large airfield is being built at Wismar (53-54N, 11-26E); the former German laboratory at Hela (54-36N, 18-48E) for experimenting with cosmic rays and magnetic waves, which was completely destroyed by the Germans when retreating before the Soviets, has been rebuilt and improved. Very large sums of money have been expended on this laboratory although it is reported that results so far have not come up to expectations.

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5. In this connection a few words should be devoted to the latest weapons of the Soviet Union: in addition to the German V-1 and V-2 the Soviets have nowadays at least two new types called A-3 and A-4. The Soviets have changed the German letter V to A. The A-1 (improved V-1) is fired from a relatively low structure. The projectile has two small torpedoes with jet engines. The explosive charge is in the middle. The speed is greater than that of the V-1, and it is easier to manufacture in mass production than the V-1. Its average speed is 1,200 km per hour, and the weight of explosive carried is four tons, whereas the V-1 carried one ton. The A-2 is fired vertically and has a diameter of 80 cm, and a length of 12 meters, and the shape is that of a torpedo. It is fired like a rocket. It is powered by a jet engine and is radio steered. The steering mechanism is in the nose and behind it are two explosive charges of 1½ tons each. Types A-3 and A-4 so far known are constructed according to the same principles as the A-2.

50X2-WMD

Forty A-1 weapons can be fired per hour, whereas only five A-2's, which are mounted on a moving platform, can be fired in that period. Sites for these weapons have been constructed along the entire length of the Baltic coast, also in Porkkala (59-58N, 20-25E) and on the Estonian islands of Saaremaa and Hiiumaa.

Comment:

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Para. 3: The manning of fortifications by armored and parachute troops.

Para. 5: The description of the A-1 as having "two small torpedoes with jet engines".

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